

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139657.D
 Acq On : 04 Oct 2024 15:03
 Operator : RC/JU
 Sample : P4276-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208

Quant Time: Oct 04 15:28:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

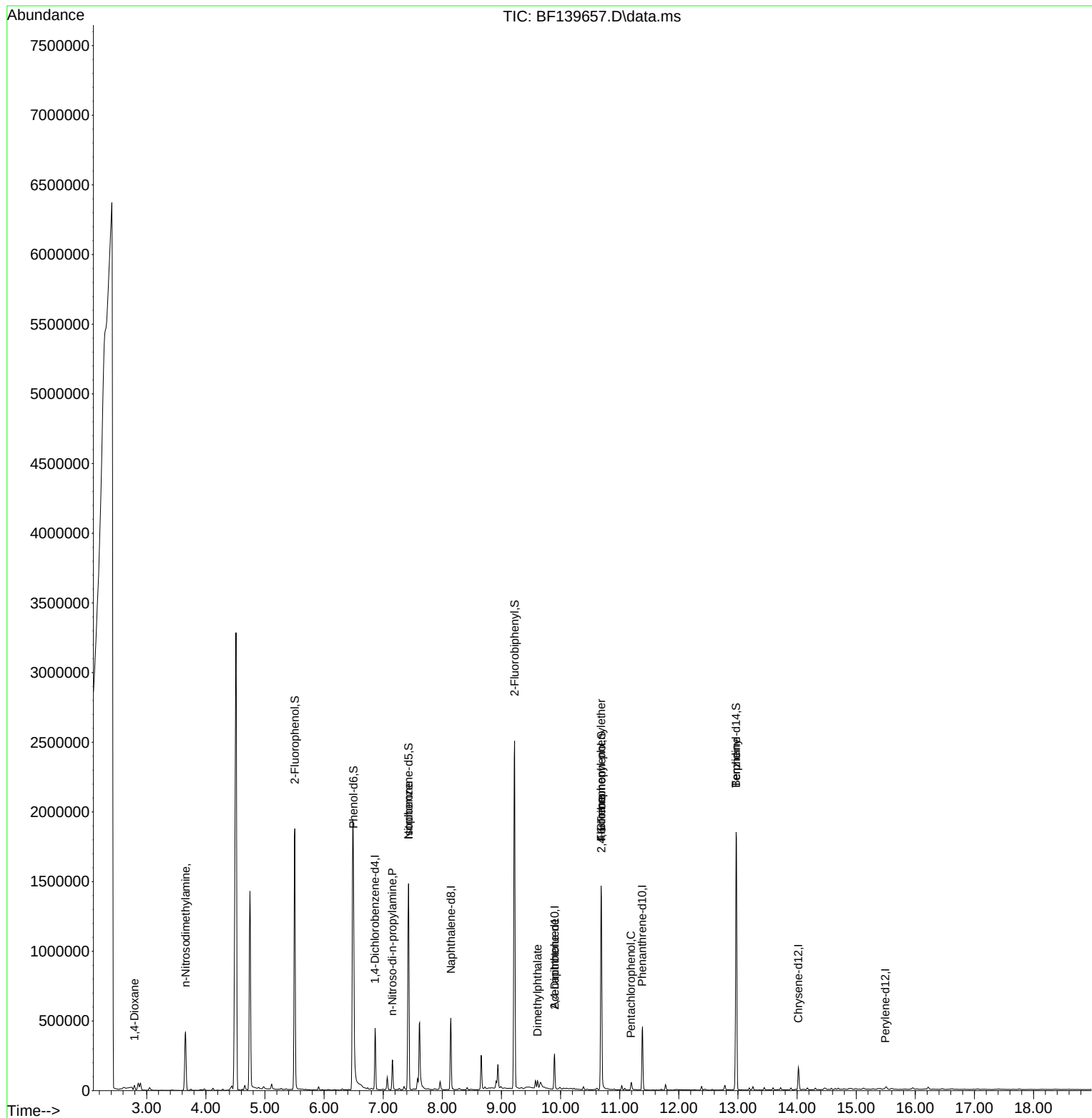
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85986	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	298415	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	63142	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	197743	20.000	ng	-0.01
76) Chrysene-d12	14.021	240	55716	20.000	ng	-0.01
86) Perylene-d12	15.492	264	3661	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	666688	134.386	ng	0.02
7) Phenol-d6	6.498	99	391386	58.666	ng	0.00
23) Nitrobenzene-d5	7.428	82	647522	109.861	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	242217	397.381	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1133866	275.679	ng	0.00
79) Terphenyl-d14	12.968	244	751691	221.372	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	15885	7.406	ng	# 76
4) n-Nitrosodimethylamine	3.657	42	11842	3.468	ng	# 1
19) n-Nitroso-di-n-propyla...	7.157	70	12098	2.821	ng	# 39
25) Isophorone	7.428	82	643896	61.508	ng	# 66
50) Dimethylphthalate	9.610	163	29142	7.050	ng	# 99
57) 2,4-Dinitrotoluene	9.898	165	8047	6.593	ng	# 20
58) Fluorene	10.686	166	9908	2.417	ng	# 81
67) 4-Bromophenyl-phenylether	10.686	248	17419	8.591	ng	# 1
70) Pentachlorophenol	11.192	266	4583	3.421	ng	# 98
77) Benzidine	12.968	184	11586	11.789	ng	# 86

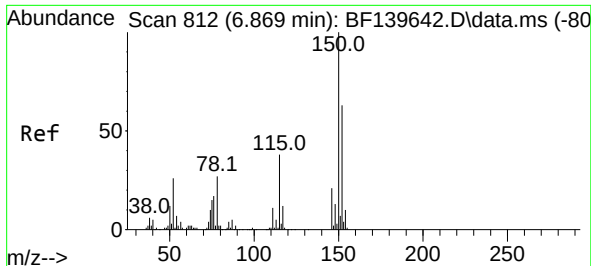
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

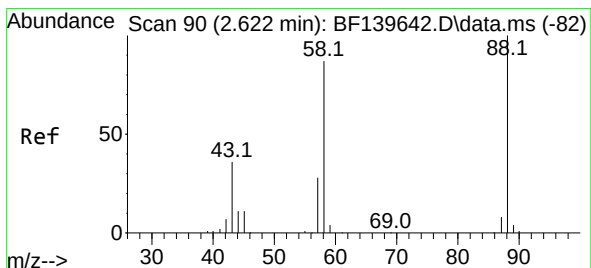
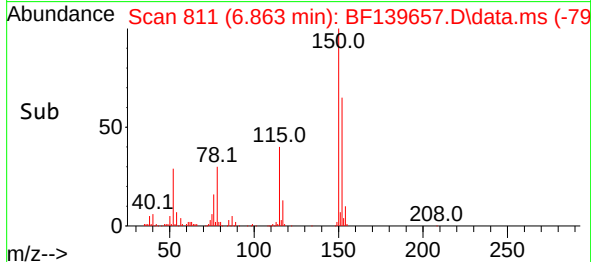
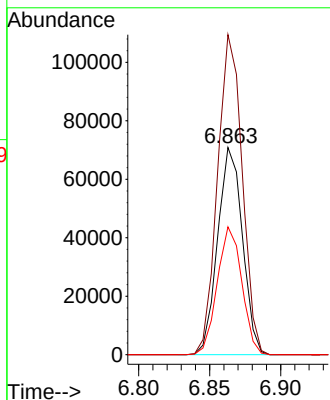
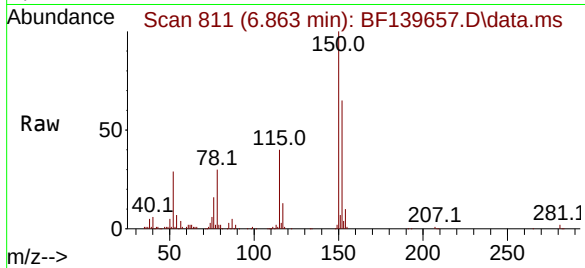




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

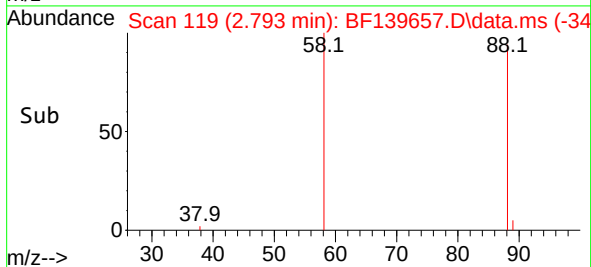
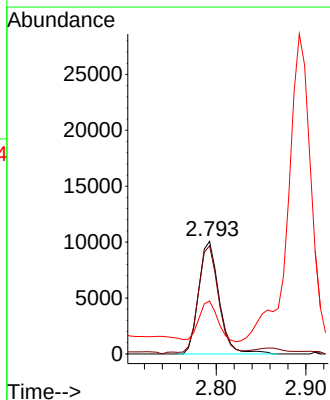
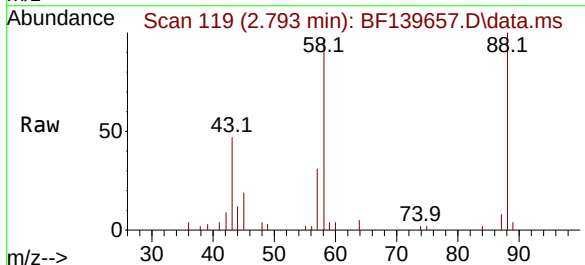
Instrument :
BNA_F
ClientSampleId :
VNJ-208

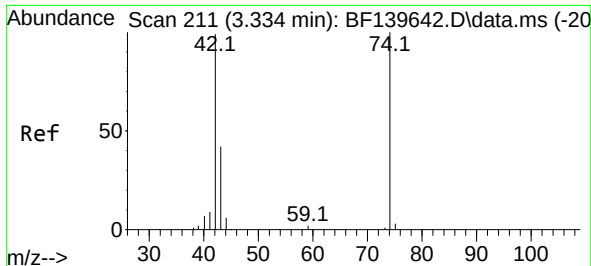
Tgt Ion:152 Resp: 85986
Ion Ratio Lower Upper
152 100
150 154.5 127.2 190.8
115 61.7 49.0 73.4



#2
1,4-Dioxane
Concen: 7.406 ng
RT: 2.793 min Scan# 119
Delta R.T. 0.153 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion: 88 Resp: 15885
Ion Ratio Lower Upper
88 100
58 96.7 72.0 108.0
43 0.0 30.8 46.2#

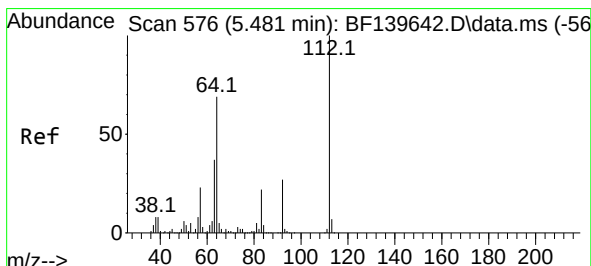
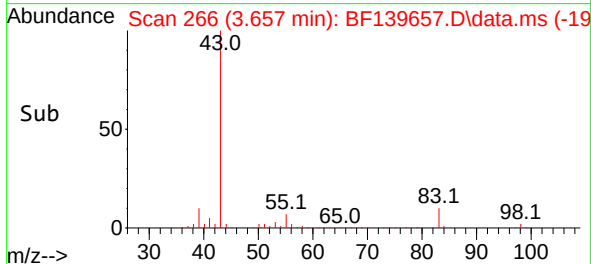
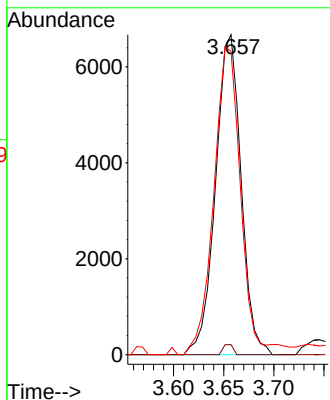
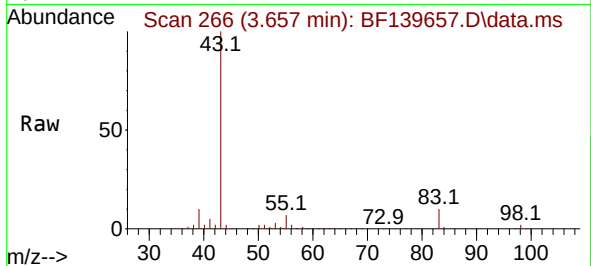




#4
n-Nitrosodimethylamine
Concen: 3.468 ng
RT: 3.657 min Scan# 211
Delta R.T. 0.306 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

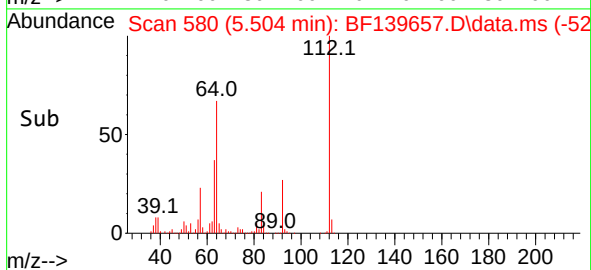
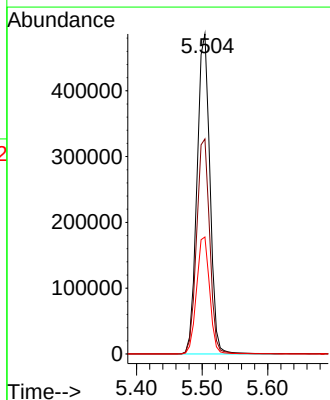
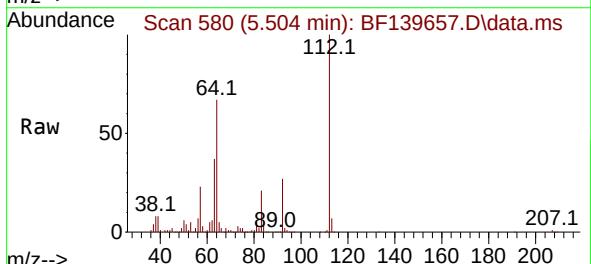
Instrument :
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ClientSampleId :
VNJ-208

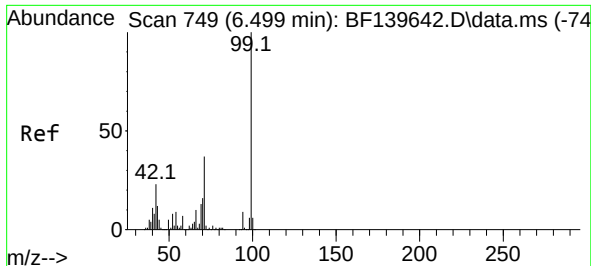
Tgt Ion: 42 Resp: 11842
Ion Ratio Lower Upper
42 100
74 3.2 79.0 118.6#
44 94.8 5.2 7.8#



#5
2-Fluorophenol
Concen: 134.386 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion: 112 Resp: 666688
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.6 29.4 44.2

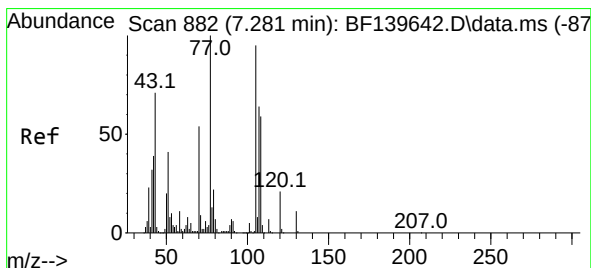
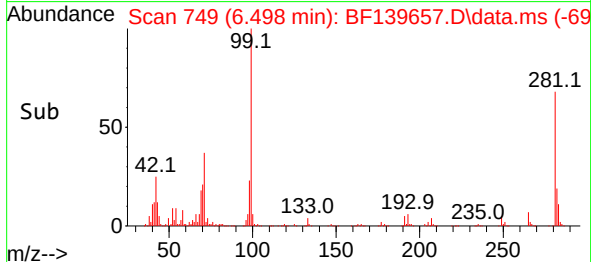
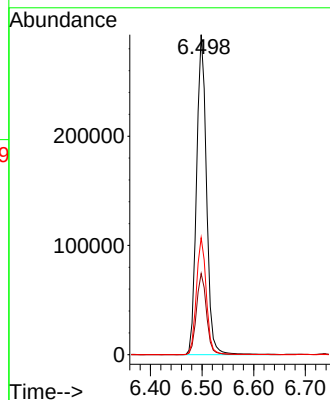
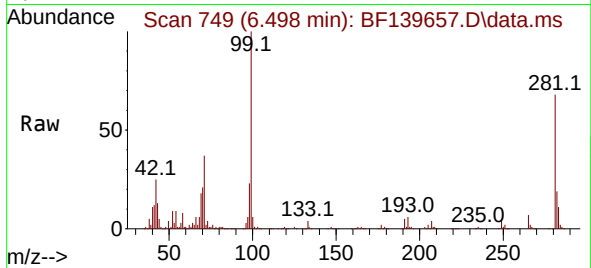




#7
Phenol-d6
Concen: 58.666 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

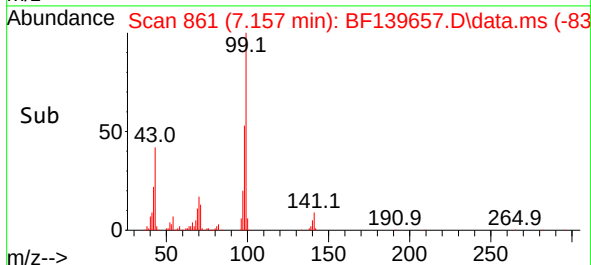
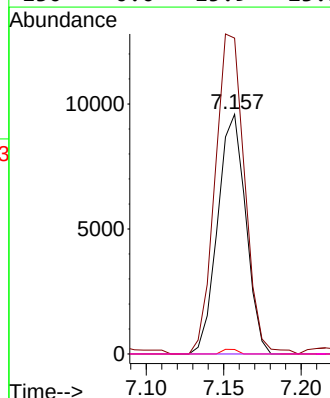
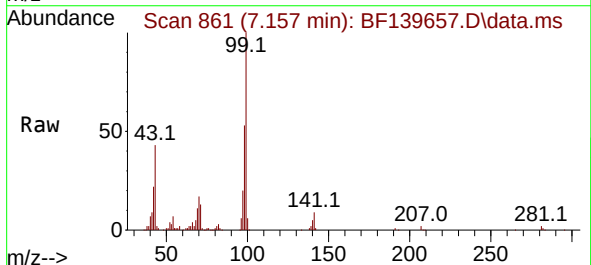
Instrument :
BNA_F
ClientSampleId :
VNJ-208

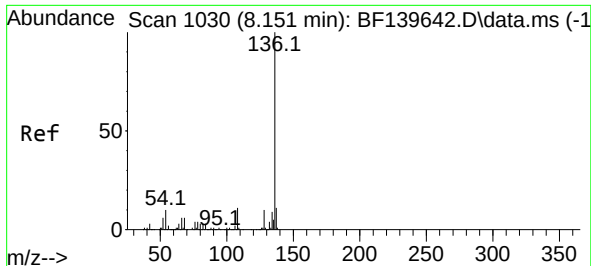
Tgt Ion: 99 Resp: 391386
Ion Ratio Lower Upper
99 100
42 25.4 19.1 28.7
71 36.6 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.821 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.130 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion: 70 Resp: 12098
Ion Ratio Lower Upper
70 100
42 131.8 58.0 87.0#
101 1.8 7.8 11.8#
130 0.0 15.9 23.9#

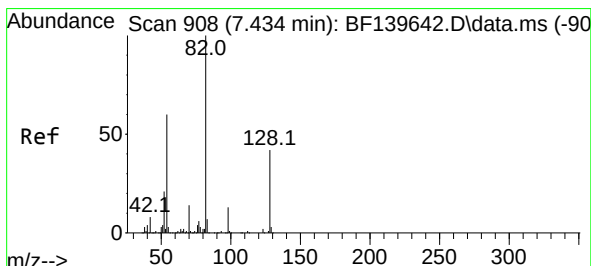
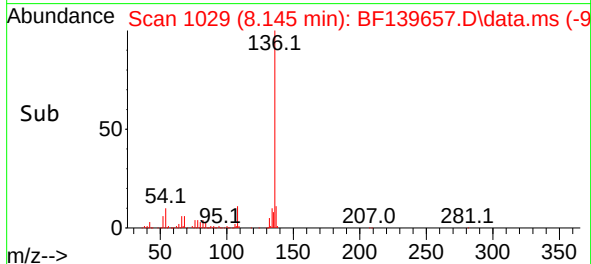
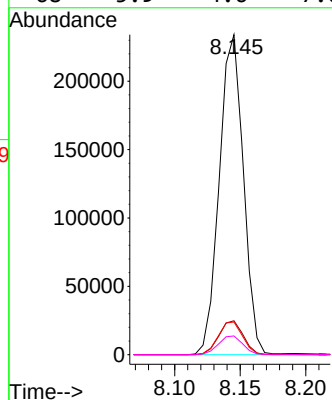
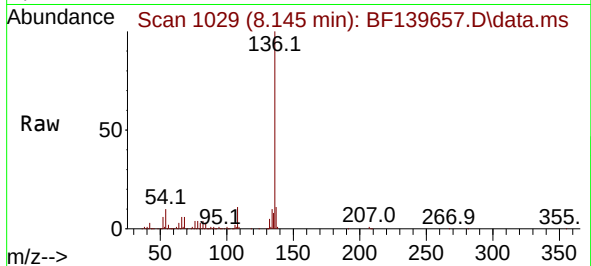




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

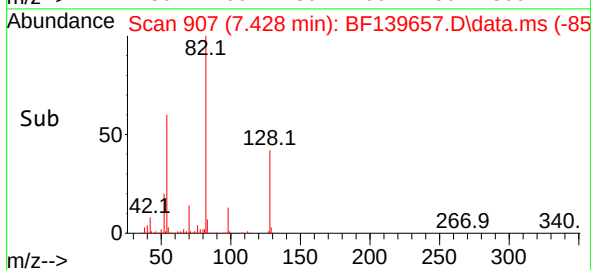
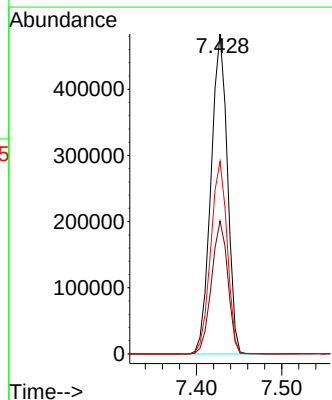
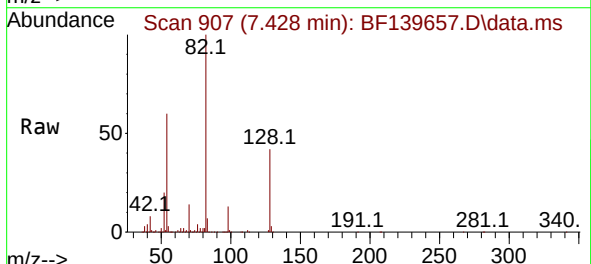
Instrument :
BNA_F
ClientSampleId :
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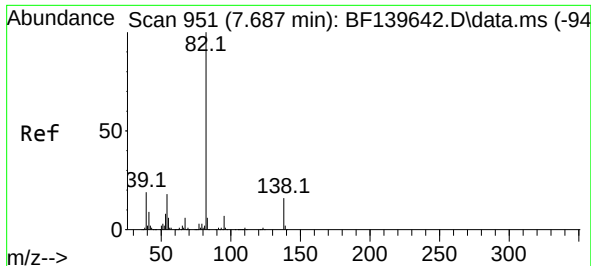
Tgt Ion:136 Resp: 298415
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.2 8.3 12.5
68 5.9 4.6 7.0



#23
Nitrobenzene-d5
Concen: 109.861 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion: 82 Resp: 647522
Ion Ratio Lower Upper
82 100
128 41.5 32.4 48.6
54 60.2 49.1 73.7

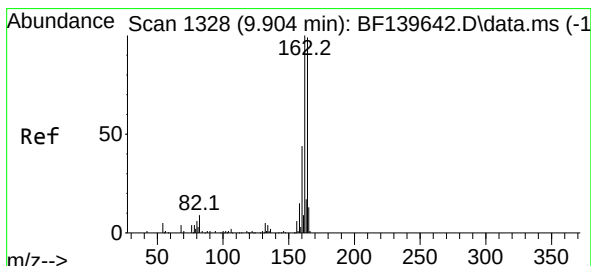
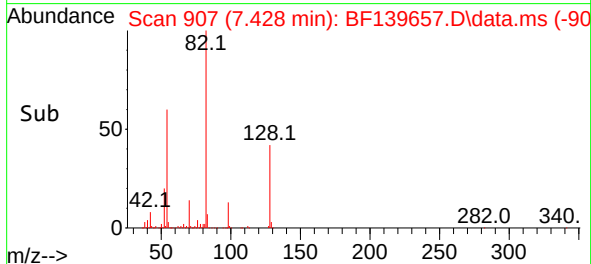
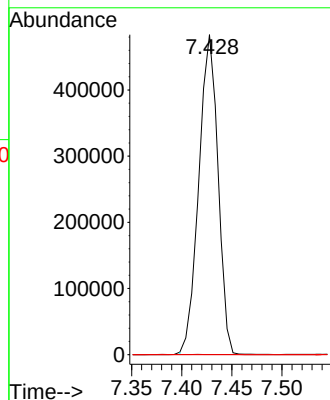
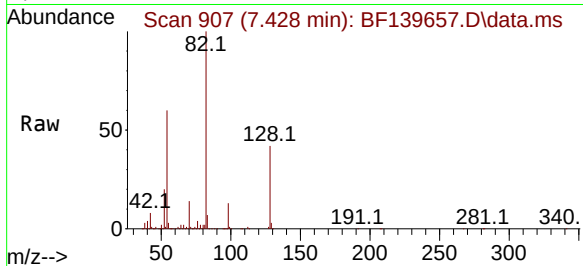




#25
Isophorone
Concen: 61.508 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

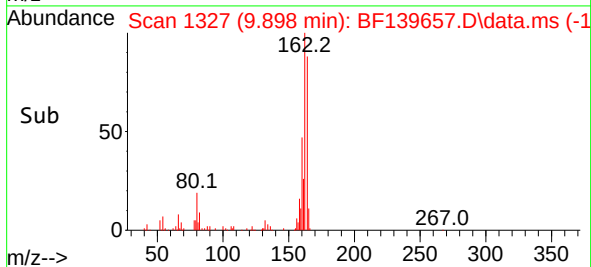
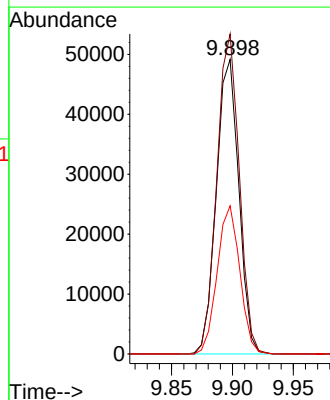
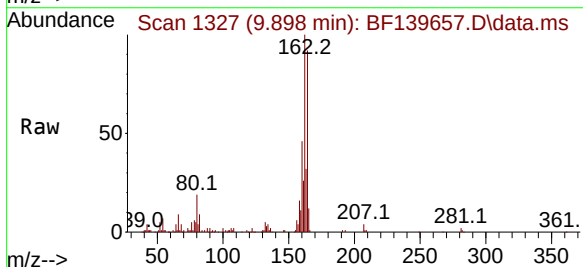
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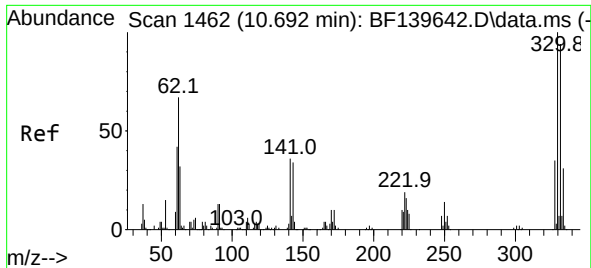
Tgt Ion: 82 Resp: 643896
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion:164 Resp: 63142
Ion Ratio Lower Upper
164 100
162 108.6 79.4 119.0
160 50.3 35.1 52.7

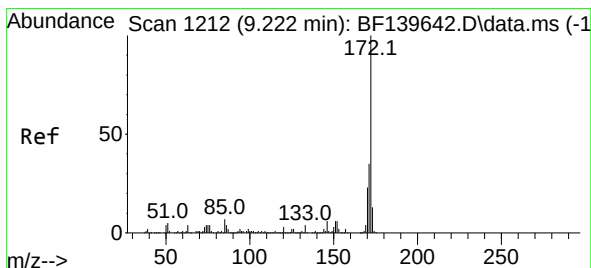
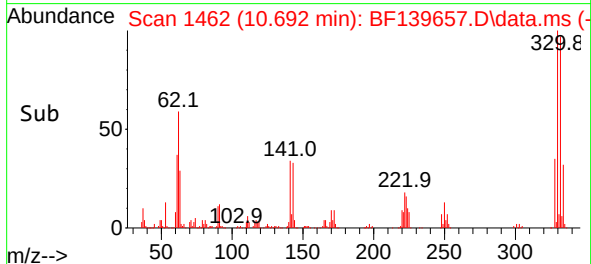
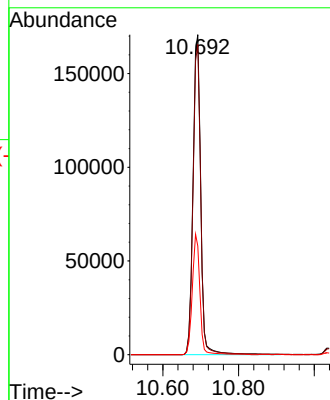
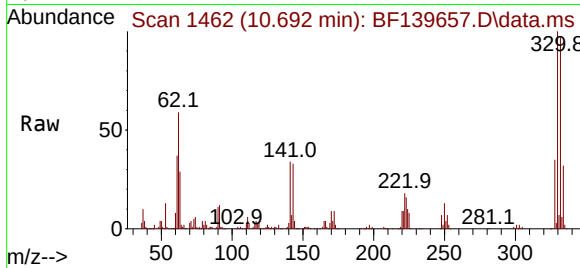




#42
2,4,6-Tribromophenol
Concen: 397.381 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

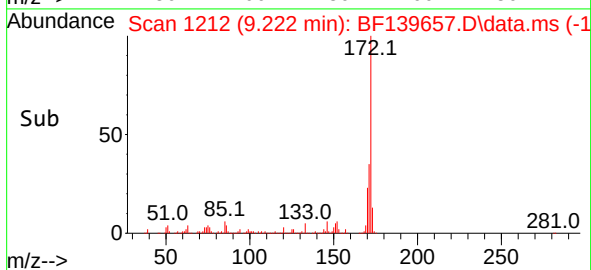
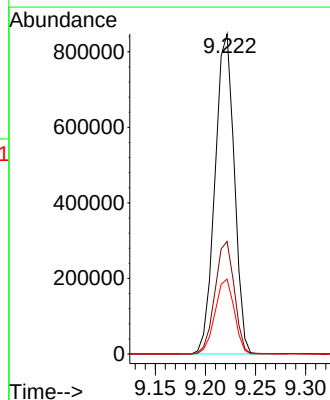
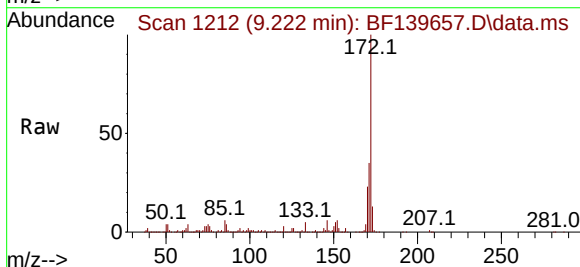
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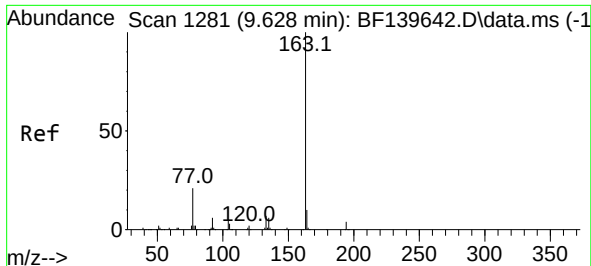
Tgt Ion:330 Resp: 242217
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 37.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 275.679 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion:172 Resp: 1133866
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.4 18.8 28.2

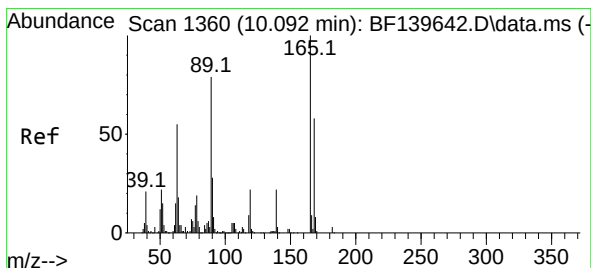
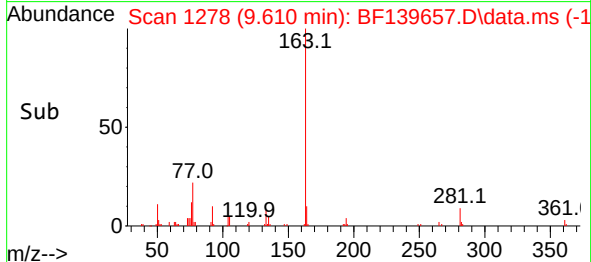
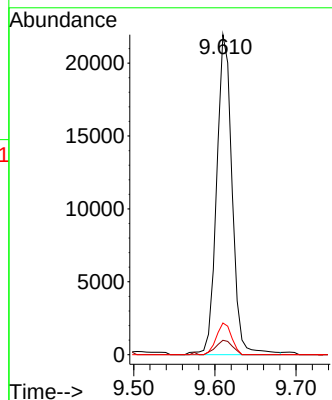
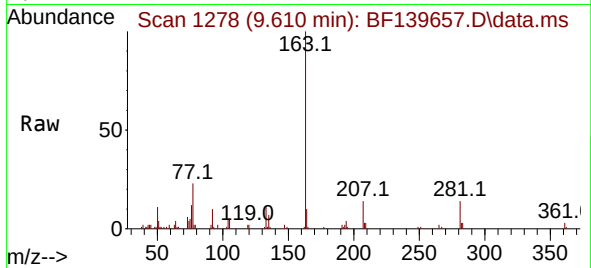




#50
Dimethylphthalate
Concen: 7.050 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

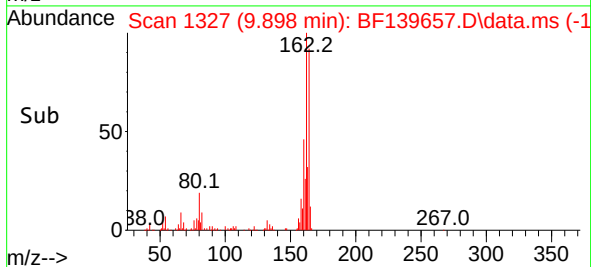
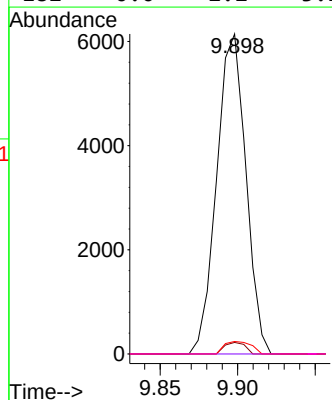
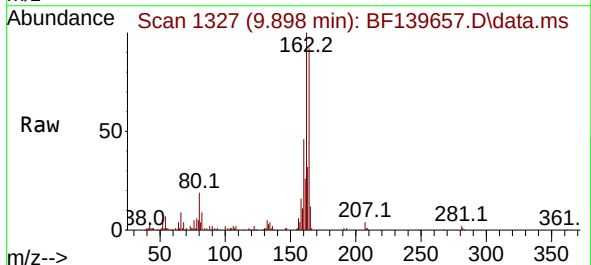
Instrument :
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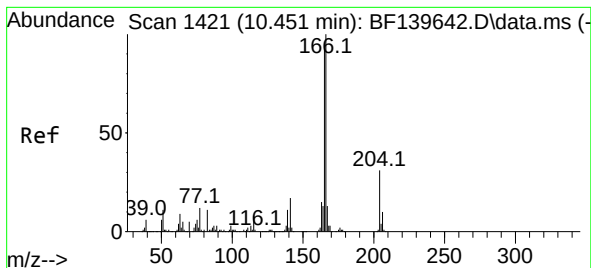
Tgt Ion:163 Resp: 29142
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.9 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 6.593 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion:165 Resp: 8047
Ion Ratio Lower Upper
165 100
63 3.6 46.9 70.3#
89 3.9 64.4 96.6#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: 2.417 ng

RT: 10.686 min Scan# 14

Delta R.T. 0.229 min

Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

Instrument :

BNA_F

ClientSampleId :

VNJ-208

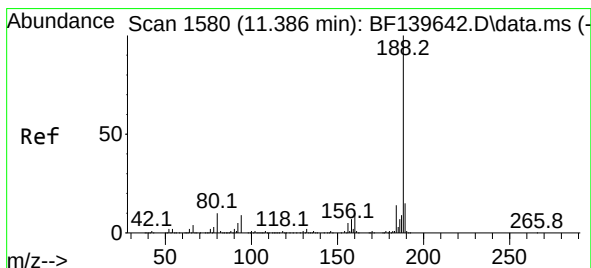
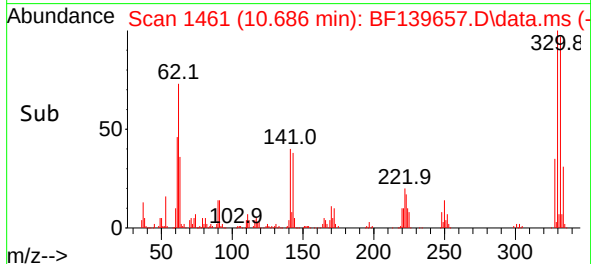
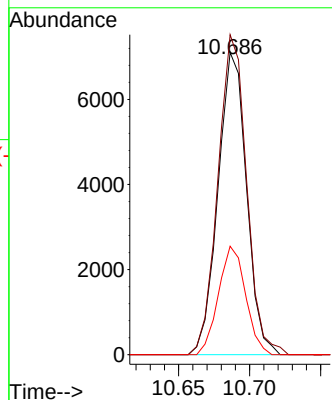
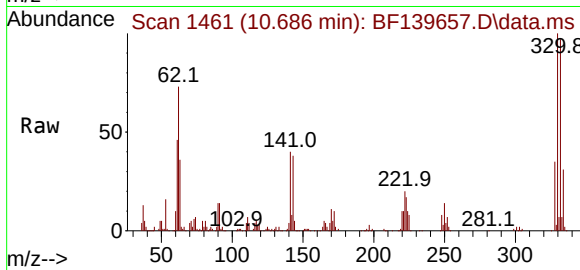
Tgt Ion:166 Resp: 9908

Ion Ratio Lower Upper

166 100

165 105.9 74.4 111.6

167 35.9 10.9 16.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

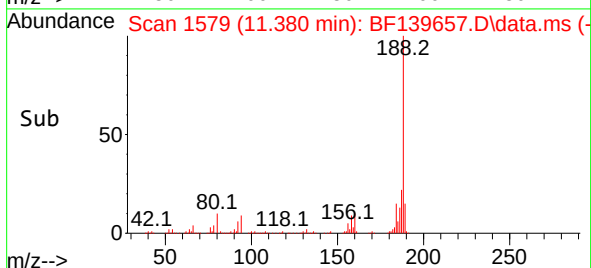
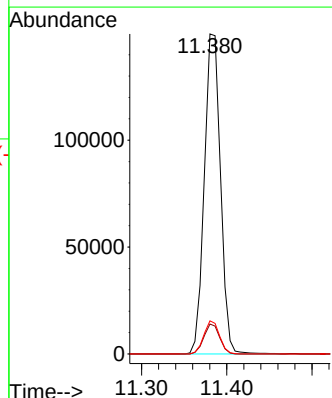
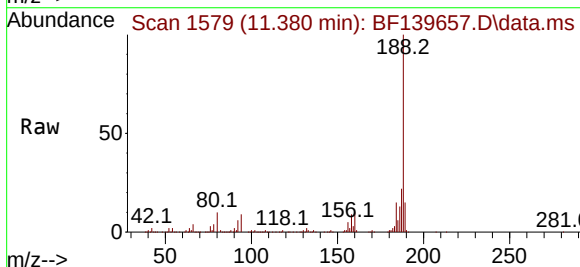
Tgt Ion:188 Resp: 197743

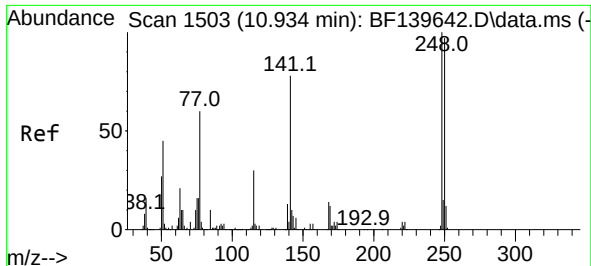
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.4 8.2 12.2

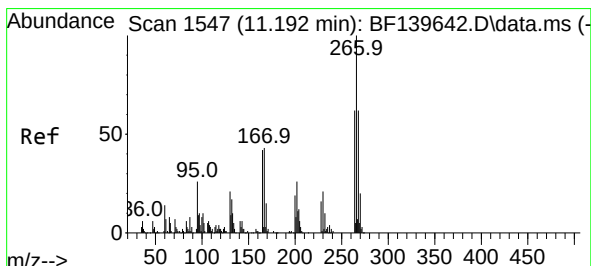
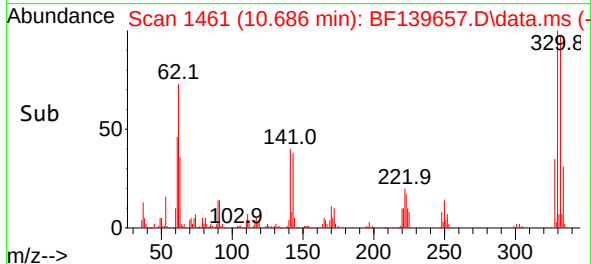
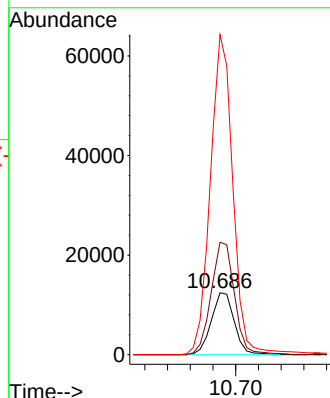
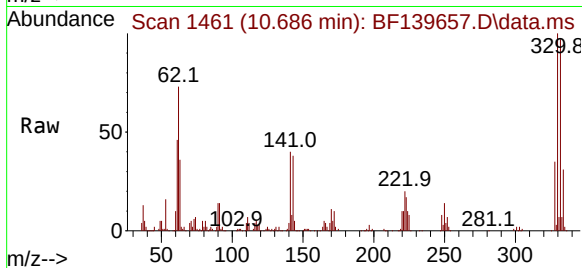




#67
4-Bromophenyl-phenylether
Concen: 8.591 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

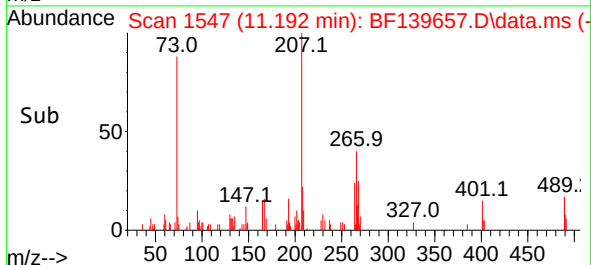
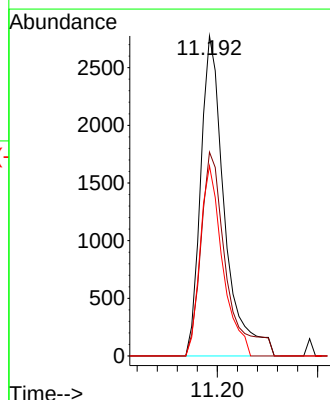
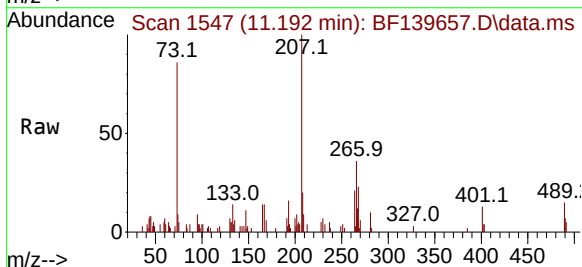
Instrument :
BNA_F
ClientSampleId :
VNJ-208

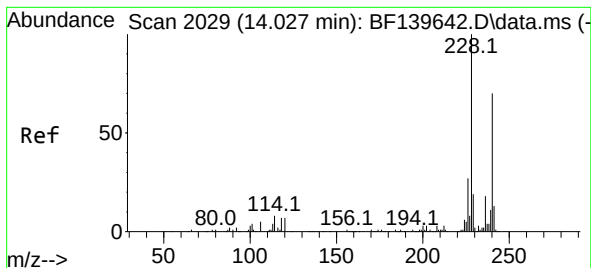
Tgt Ion:248 Resp: 17419
Ion Ratio Lower Upper
248 100
250 181.7 77.1 115.7#
141 517.0 60.4 90.6#



#70
Pentachlorophenol
Concen: 3.421 ng
RT: 11.192 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion:266 Resp: 4583
Ion Ratio Lower Upper
266 100
268 63.7 50.0 75.0
264 59.4 49.3 73.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.012 min

Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

Instrument :

BNA_F

ClientSampleId :

VNJ-208

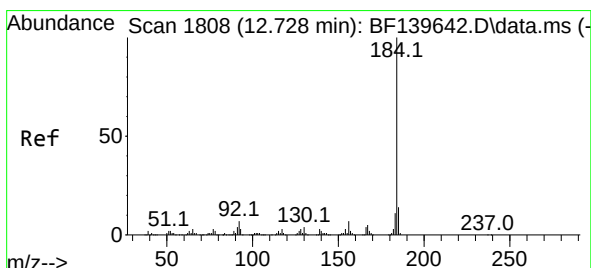
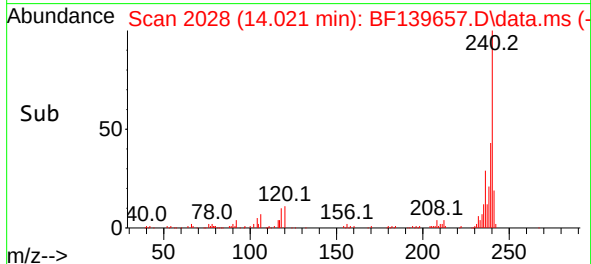
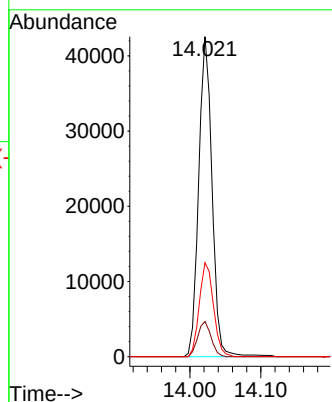
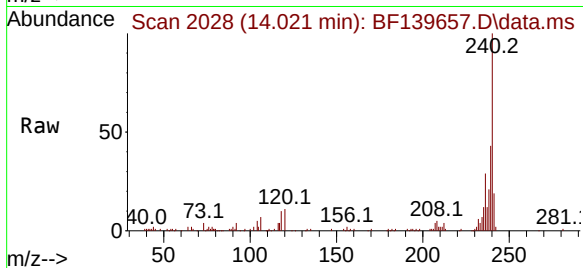
Tgt Ion:240 Resp: 55716

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 29.4 20.3 30.5



#77

Benzidine

Concen: 11.789 ng

RT: 12.968 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

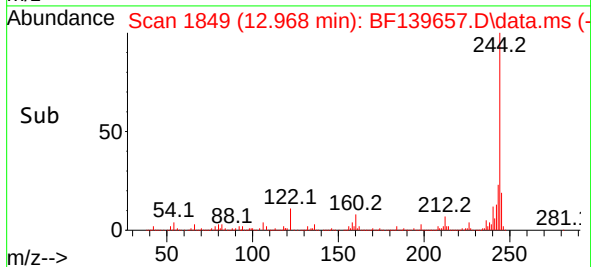
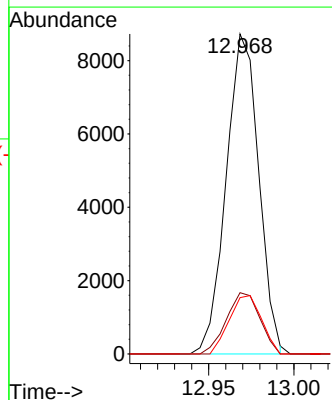
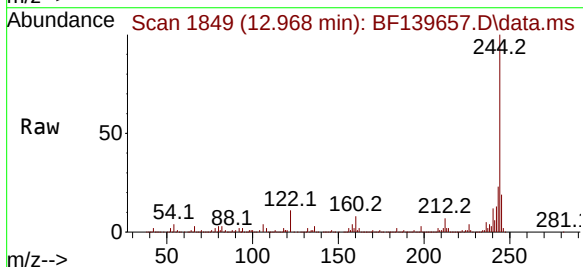
Tgt Ion:184 Resp: 11586

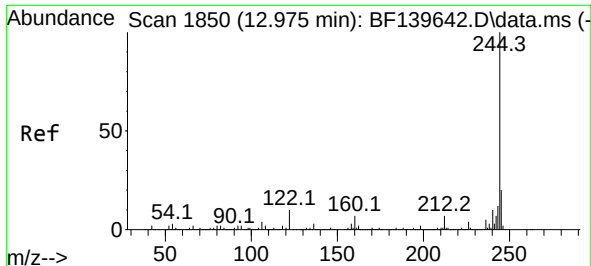
Ion Ratio Lower Upper

184 100

185 19.2 11.4 17.0#

183 17.6 8.8 13.2#

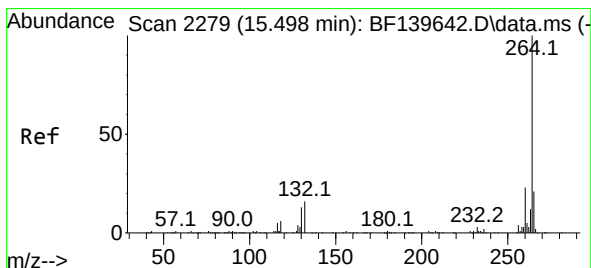
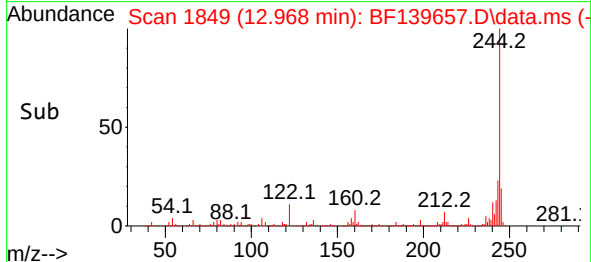
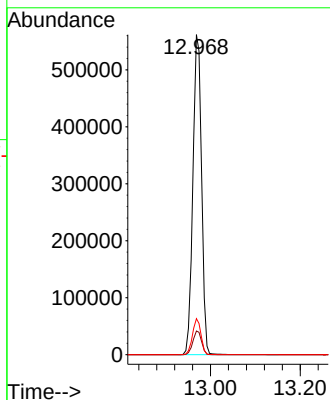
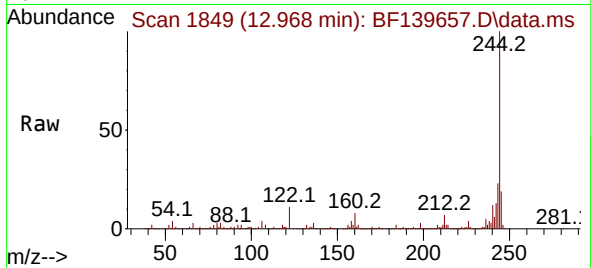




#79
 Terphenyl-d14
 Concen: 221.372 ng
 RT: 12.968 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF139657.D
 Acq: 04 Oct 2024 15:03

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208

Tgt Ion:244 Resp: 751691
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 11.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139657.D
 Acq: 04 Oct 2024 15:03

Tgt Ion:264 Resp: 3661
 Ion Ratio Lower Upper
 264 100
 260 41.4 18.7 28.1#
 265 24.0 16.9 25.3

